AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A wireless telephone communication system for a set top box, comprising:

(A) a base unit connected to an AC power line for the transmission and receipt of control and data signals;

(B) an extension unit connected to an AC power line for the transmission and receipt of control and data signals to and from said base unit;

(C) a set top box connected to said extension unit via a standard telephone cable; and

(D) a central office device connected to said base unit.

2. (Currently Amended) A wireless telephone communication system for a set top box, as recited in claim 1, wherein said base unit ~~is adapted to~~ does not provide ~~only~~ ringer and caller identification functions. ~~specifically required for communicating between said set top box and said central office.~~

3. (Currently Amended) A wireless telephone communication system for a set top box, as recited in claim 1, wherein said extension unit ~~is adapted to~~ does not provide ~~only~~ ringer and caller identification functions. ~~specifically required for communicating between said set top box and said central office.~~

4. (Original) A wireless telephone communication system for a set top box, as recited in claim 1, wherein said extension unit is embedded within said set top box, and wherein said embedded extension unit is controlled by said set top box.

5. (Currently Amended) A wireless telephone communication system for a set top box, as recited in claim 4, further comprising:

a ~~modified~~ power supply comprising:

a first transformer;

a voltage line coupled to said first transformer;

a neutral line coupled to said first transformer;

a first capacitor coupled between said first transformer and said neutral line;

a fuse coupled to said voltage line;

a first inductor coupled to said fuse and said voltage line;

a second inductor coupled to said neutral line;

a second capacitor coupled between said voltage line and said neutral line;

a third capacitor coupled between said neutral line and a ground line;

a fourth capacitor coupled between said voltage line and said ground line;

a second transformer coupled to a third transformer, wherein the second transformer is coupled to said voltage line and said third transformer is coupled to said neutral line; and

a fourth transformer coupled to said second transformer and said third transformer, and to said ground line.

6. (Currently Amended) A wireless telephone communication system for a set top box, as recited in claim 5, wherein said ~~modified power supply further~~ first transformer comprises at least one of a ~~coupled connection~~ connector for coupling said power supply to a transmitter and a ~~coupled connection~~ connector for coupling said power supply to a receiver.

7. (New) A wireless telephone communication system for a set top box, as recited in claim 5, wherein said first transformer is a Balun transformer.

8. (New) A wireless telephone communication system for a set top box, as recited in claim 7, wherein said Balun transformer is a 3:1:1 Balun transformer.

9. (New) A wireless telephone communication system for a set top box, as recited in claim 5, wherein said first capacitor is an X-Y capacitor.

10. (New) A wireless telephone communication system for a set top box, as recited in claim 5, wherein said first capacitor is an .01 μF, 250 volt, X-Y capacitor.

11. (New) A wireless telephone communication system for a set top box, as recited in claim 5, wherein at least one of said first inductor and said second inductor is an 83 μH inductor.

12. (New) A wireless telephone communication system for a set top box, as recited in claim 5, wherein at least one of said second capacitor, said third capacitor, and said fourth capacitor is a decoupling capacitor.

13. (New) A wireless telephone communication system for a set top box, as recited in claim 5, wherein each of said second capacitor, said third capacitor, and said fourth capacitor is a decoupling capacitor.

14. (New) A wireless telephone communication system for a set top box, as recited in claim 5, wherein at least one of said second capacitor, said third capacitor, and said fourth capacitor is a 0.1 μF capacitor.

15. (New) A wireless telephone communication system for a set top box, as recited in claim 5, wherein at least one of said second capacitor, said third capacitor, and said fourth capacitor is a 0.22 μF capacitor.

16. (New) A wireless telephone communication system for a set top box, as recited in claim 5, wherein each of said second capacitor, said third capacitor, and said fourth capacitor is a 0.1 μF capacitor.

17. (New) A wireless telephone communication system for a set top box, as recited in claim 5, wherein each of said second capacitor, said third capacitor, and said fourth capacitor is a 0.22 μF capacitor.